

Date: Wed, 10 Aug 94 04:30:16 PDT  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #253  
To: Ham-Ant

Ham-Ant Digest                      Wed, 10 Aug 94                      Volume 94 : Issue    253

Today's Topics:

                    2m match..ARG!  
                    900 MHz FM (2 msgs)  
                    ??? Butternut Stub  
chimney mounted verticals (2 msgs)  
                    Ham-Ant Digest V94 #252 -Reply  
                    Q: Mods for the Satellite 700  
                    Question on FM broadcasts...

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>

Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 5 Aug 1994 11:20:32 -0400  
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!  
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!  
howland.reston.ans@ihnp4.ucsd.edu  
Subject: 2m match..ARG!  
To: ham-ant@ucsd.edu

i was wonding how EXACTLY a 2m match in made...i have plans from a old <not  
THAT old> 73, a 6 element 2m yagi, but i never made a 2m yagi.  
some plans i have are only direct feed    ---o o---  
but a match?

-----|----- element  
      ---|--- <--match and shorting bar  
          |  
          | <---center of coax

now...where does the braid of the COAX go? no where?  
and is the driven element a single rod...and no seperation?

Your help will be GREATLY appreciated!

DAvid

:)\*\*\*\*\*(:  
\*\* David Roseman \*\* The Flying HAm \*\*  
\*\* SysOp of NODE 3 BBS \*\* c002@lehigh.edu \*\*  
\*\* Running OBV/2 Software \*\* KBR-9318 - CB \*\*  
\*\* HAMmy in IRC \*\* N3SQE/FUN - Ham \*\*  
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Date: 5 Aug 1994 04:50:19 GMT  
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!math.ohio-state.edu!  
howland.reston.ans.net!europa.eng.gtefsd.com!darwin.sura.net!aurora.LaTech.edu!  
ems@network.ucsd.edu  
Subject: 900 MHz FM  
To: ham-ant@ucsd.edu

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Date: 5 Aug 1994 04:59:45 GMT  
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!  
europa.eng.gtefsd.com!darwin.sura.net!aurora.LaTech.edu!ems@network.ucsd.edu  
Subject: 900 MHz FM  
To: ham-ant@ucsd.edu

Can anyone help get the circuits for FM transmitter/receiver in the range of  
902-928.

I need the circuits for a project I'm working on.

ems@engr.latech.edu  
or  
203 homer  
Ruston, La 71270

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Date: 5 Aug 1994 00:02:51 GMT  
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!math.ohio-state.edu!  
hobbes.physics.uiowa.edu!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!vixen.cso.uiuc.edu!

uxa.cso.uiuc.edu!rtclay@network  
Subject: ??? Butternut Stub  
To: ham-ant@ucsd.edu

In article <31rf8f\$607@insosf1.infonet.net> darkon@ins.infonet.net writes:

>I recently purchased a Butternut HF6-V used.  
>The only part missing is the 75ohm matching stub.  
>Does anyone know what the length of it is???  
>  
>Any info helpful...  
> DARKON@ins.infonet.net

The matching stub is 1/4 wave on 14 Mhz.

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R. Torsten Clay, N40GW/9 n4ogw@uiuc.edu

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Date: Mon, 8 Aug 1994 19:52:35 GMT  
From: ncrqw2.ncr.com!ncrhub2!ncrcae!news@uunet.uu.net  
Subject: chimney mounted verticals  
To: ham-ant@ucsd.edu

>In article <Cu0L38.51K@nntpa.cb.att.com> John D. Walker writes:

>  
>  
>I'd like to get some input on mounting a vertical on a chimney (traditional  
>TV antenna location). My chimney is in excellent condition and is  
>reasonably large (about 4 feet X 3 feet at the top). It is also about  
>33 feet tall. I am considering an R5 or R7 or GAP Eagle. Anyone have  
>experience (good or bad!) with this type of installation?

>  
> John Walker  
> N2ZGC/AA  
>

>ps. Just passed the code test at 13WPM. My test was multiple choice. IMHO  
>someone who is "stuck" at 10WPM could pass a multiple choice  
>test at 13WPM.  
>>

John - I just posted to the wrong msg so I'll repeat here. I installed an R7 on the 2nd floor section of my chimney and it works great. The length of the antenna makes it a bit hairy to carry across the roof prior to getting it set up, esp at that height and with a steep pitch, but it withstands the wx pretty well. Hope this helps.

73 de ted / AC4CS

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Date: Mon, 8 Aug 1994 19:49:20 GMT  
From: ncrqw2.ncr.com!ncrhub2!ncrcae!news@uunet.uu.net  
Subject: chimney mounted verticals  
To: ham-ant@ucsd.edu

>In article <1994Aug4.164555.15398@newsgate.sps.mot.com> Mark Monninger writes:  
>Congrats on the new /AA...

>

>FWIW, I've had verticals mounted on my chimney for several years, first a  
>Hy-Gain 14-AVQ, then a Bitternut HF-6, and now a Cushcraft R-5. My chimney is  
>concrete block, about 4x6 feet. and about 25 ft high. I use a wall type mount  
>bolted into the chimney using lag bolts into lead anchors. The R-5 is mounted  
>on a 10 ft pipe that puts the base about 6 feet above the top of the chimney.  
>While we don't have hurricanes here in Arizona, we do get some pretty  
>substantial winds sometimes, esp. in late summer (now). I've never had any  
>problems with the chimney mount (or the chimney). However, the 60+ mph winds we

>had in a storm last week bent the mounting pipe about 30 deg from vertical...no

>damage to the R-5 (and it dumped about a ton of dirt and a gazillion pine  
>needles into my pool...).

>

>73... Mark AA7TA>

Mark - I mounted an R7 on my chimney on the 2nd floor roof. Works fine but it was a bit dicey getting it up there. Fortunately WB4IUX who is much stronger and younger did the work but it is definately hairy, esp that high up. Otherwise it works great!

73 de Ted AC4CS

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Date: 9 Aug 94 14:26:20 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Ham-Ant Digest V94 #252 -Reply  
To: ham-ant@ucsd.edu

I'm on vacation until August 22. I'll read your message and reply when I return. If you need assistance with Emission Monitoring or Stack Testing, please contact Jerry Keefe or Jack Harvanek. Thanks

Alan Hicks

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Date: 9 Aug 1994 15:15:32 GMT  
From: pendragon!jalonso@ames.arpa  
Subject: Q: Mods for the Satellite 700  
To: ham-ant@ucsd.edu

I was wondering if anyone has any mods that would open up the band around 300-500 kHz. Any other mods would be appreciated as well.

Jose

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Date: 8 Aug 1994 18:19:36 GMT  
From: hplextra!news.dtc.hp.com!hpscit.sc.hp.com!rkarlqu@hplabs.hpl.hp.com  
Subject: Question on FM broadcasts...  
To: ham-ant@ucsd.edu

In article <cf.2439.434@ledge.com>, Bob Albert <bob.albert@ledge.com> wrote:  
>The FCC has a band plan for the FM broadcast band that assigns channels  
>every 200 kHz, on odd decimal frequencies. So there are no stations  
>on the even numbers.  
>  
>73 DE K6DDX

True in the Americas. However, in the rest of the world, there are some countries which use the even numbers. That is why some radios tune in 100 kHz. steps (so they are "world" ready radios).

Rick N6RK  
rkarlqu@scd.hp.com

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Date: 9 Aug 1994 23:01:28 GMT  
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!channel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!dns1.NMSU.Edu!@ihnp4.ucsd.edu  
To: ham-ant@ucsd.edu

References 1786, Loop, Antenna4  
Subject : Re: RG58 versus Thin Ethernet

After considering many different options, opinions, and experiences, I decided to order the MFJ 1786 Hi Q Loop Antenna for my restricted patio home. In calling many mail-order firms, I find that none have

the unit in stock, that they haven't seen one in months, and they don't anticipate having any in stock for 2 or 3 more months. Either the antenna is terrific or MFJ is trying to sell vapor-gear. I might also mention that the mail order price is listed in recent ham radio magazine ads and catalogs as \$214-216 range not including shipping. The price over the phone is \$259-269 plus shipping. Something screwy going on. Anyone else having similar problems? Might have to go back to a different antenna scheme. One of the salesmen at a mail order house said that if he were boss, he would cancel the entire MFJ line. They've had nothing but problems with them.

Tim AB50U  
Las Cruces, NM

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End of Ham-Ant Digest V94 #253  
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